

**Abstract**

A steering system (10) for a vehicle (16) comprises a housing (20) having first and second end portions (32, 34) and an intermediate portion (50). A steering member (66) is supported for axial movement in the housing (20). A piston (100) fixed for movement with the steering member (66) has opposite end faces (104, 106). First and second springs (130, 132) engage the end faces (104, 106) of the piston (100) and bias the piston and thereby the steering member (66) in first and second axial directions toward a straight ahead position. Steering linkage (124, 126) connected with the piston member (100) transmits movement of the piston member (100) to steerable wheels (12, 14) of the vehicle.